

Stream Table- Flat/Normal Flow

1. Create a plateau by moving the sediment (with the 90 degree piece) to the opposite side of the hole. The plateau should measure 10 centimeters in length.
2. Remove the tape
3. Set-up the stream table with the hole end hanging off of the table. Make sure the grey container is underneath the hole on the floor. Place the ruler on the plateau side of the stream table and place the standard hole container in the middle of the ruler with the hole in between the ruler and the edge of the stream table.
4. Draw the **'before'** plateau in your binder
5. Pour the water in the container, one cup at a time.
6. **Write down your observations of what is occurring.**
7. When the water is done flowing, sketch the **'after'** picture.
8. Answer the following questions:
 - What process occurred when the water hit the plateau? How did you know?
 - What process occurred when the water flowed down the plateau? How did you know?
 - What process occurred at the bottom of the stream table? How did you know?
 - What new landforms were created? List them all.
 - Describe the speed of the water flow (the stream).
 - What does the "standard flow" container represent?
 - What does the hole in the stream table represent?
 - What does the grey catch container represent?